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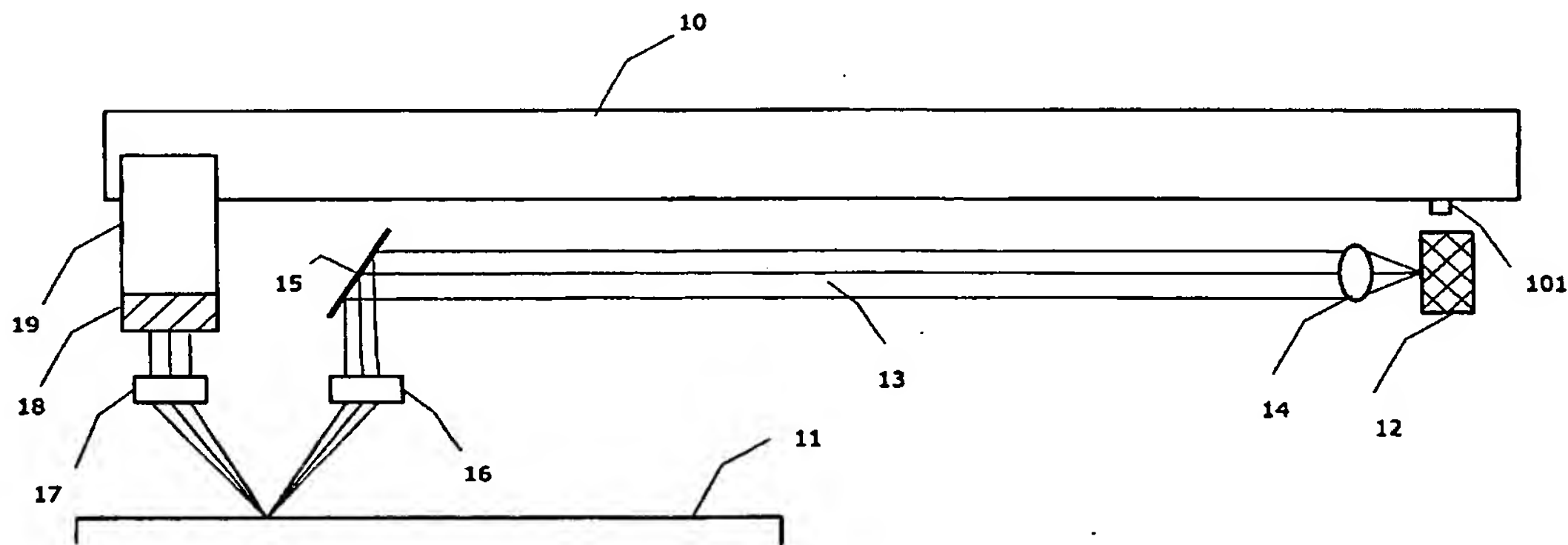
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(54) Title: READ/WRITE DEVICE FOR OPTICAL MEMORY AND METHOD THEREFORE



(57) Abstract: A method and miniaturizable device is described to read/write information to an optical storage medium (11). A device comprises one or more light sources (12) bounded up with an access unit (10) which is arranged to be controllable to a position, in which light beams (21, 22) are transmitted transversal towards an optical storage medium, and reflected light beams (33) are analysed by a detector element (18, 26) which further informs the access unit whether to move or stand still to keep light beams in focus and on track. A device according to the invention is possible to implement in a small size and low weight due to reduced component count and thin access unit geometries. A communication device (80) according to the invention may be implemented to fulfil a crucial need for ultraminiature range of communication devices.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 02/00954

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G11B 7/08, G11B 7/12, G11B 7/135

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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